



**LOOK
INSIDE FOR
DETAILS:**

- The RARS General Meeting is the 1st Tuesday of each month.
- The RARS net meets every night @ 8 pm on 146.64.
- The RARS Technical and Trader's net is Saturdays @ 8:30 pm or following the RARS net.
- RARS meets for a monthly dinner on the 2nd Tuesday of each month.

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The Raleigh Amateur Radio Society's **EXCITER**

November 2006

Issue No. 428

Another Successful RARS Auction

**Article by Courtney Enzor
KI4HOS, RARS Editor**

With bids flying and auctioneers peppering the crowd with jokes, the annual RARS auction continued its reputation for fun entertainment and shrewd bargaining. Held during the October 3rd RARS meeting at the Forest Hills Baptist Church, the event was hosted by auctioneer Cliff Broughton AG4XR and assistants Richard Crapse KB4TKQ, Dennis Keith NC4DK, Steve Ferrarini KJ4BX, Phillip Jones KG4IVD, Gary Pearce KN4AQ, Clarence Owens, Jr. N2RJB, and Greg Seamster KE4PAX.

The number one rule, to have fun, was certainly upheld by all. Approximately 68 items were on the block, with many pieces being donations

from RARS. All the proceeds from these items go directly to RARS. These generous items included an external hard drive, an HP LaserJet 5L printer, and an HP iPAQ Pocket PC. All other items were individual transactions between the buyer and the seller.

(Continued on page 4)



RARS members wait with money in hand for that perfect item.

What Was that Strange Sight???

**Article by Virginia Enzor NC4VA,
RARS Education
Director**

Folks stared in curiosity as they walked past the shelter at Baileywick Park in north Raleigh to reach the playground. In contrast to the playground where dozens of children laughed gleefully, the shelter was full but eerily quiet. Wires ran every-

where. There was generally one person per picnic table, and everyone wore earphones and had strange looking equipment in front of them. Once in a while someone would remove his headphones and say a string of numbers. What could it be? Some kind of covert operation? Naaa...it was the semi-annual Tarheel Scanner/Shortwave
(Continued on page 5)

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The Raleigh Amateur Radio Society

The Raleigh Amateur Radio Society, Inc. (RARS) was founded in 1969 and continues to serve and support the Amateur Radio community in the greater Triangle area. In 1999, the society incorporated a new RARS and obtained 501(c)(3) non-profit tax status.

The objectives of the club are to promote worldwide friendship through amateur radio; to be of public service by providing radio communications in

times of disaster, emergency, or civic need; to educate members in radio technique; and to provide training classes to assist in obtaining amateur radio licenses.

Anyone interested in amateur radio is eligible to apply for membership. Due for regular licensed amateurs are \$18 per year (from July 1 through June 30). Additional immediate family members pay \$5 each per year. Dues for licensed ama-

teurs older than 59 or younger than 16 are \$12 per year. Dues for non-licensed associate members are \$9 per year.

Applications for membership may be obtained from the treasurer or the RARS web site (RARS.org).



The Exciter

The *Exciter* is the official newsletter of the Raleigh Amateur Radio Society. It appears each month as a PDF on the RARS website at www.rars.org. Members receive email notification when the latest version is available.

Please provide your email address to the Treasurer.

The *Exciter* welcomes articles, advertising, and other contributions. To submit a piece to the newsletter, please contact the Editor.

The views expressed in the *Exciter* are those

of the individual authors and do not necessarily reflect the views of the Editor or RARS. The Editor reserves the right to edit any and all pieces.

Editor:

Courtney Enzor

K14HOS

courtney_enzor@yahoo.com

New Net on the Block!

A new net debuts on Sunday, November 5, at 9 PM on the 145.13 repeater (tone of 82.5) and will meet on Sundays at the same time and frequency thereafter. It's the Mercury Amateur Radio Association Southeast 2 Meter Net.

MARA provides emergency communication support to The Church of Jesus Christ of Latter-day Saints. The purpose of this net is to assist ham radio opera-

tors in preparing to respond to emergencies, test their equipment, improve operating skills, pass traffic, and to provide those with a common interest an opportunity to meet. All stations are invited to participate in this net.

The net manager is Virginia Enzor NC4VA.

MERCURY
AMATEUR
RADIO
ASSOCIATION **MARA**

VE Testing

The RARS VEs will accept walk-in testing at the February, May, August, and November RARS meetings; the RARSfest in April; the Cary Swapfest in July; the JARSfest in November; and following RARS license classes.

Please bring a photo ID, your current license, a copy of your current license, and any CSCEs you have for credit. Visit www.rars.org for more information.

RARS General Meeting

Date: First Tuesday of each month

Location: Forest Hills Baptist Church
201 Dixie Trail
Raleigh, NC 27607

Time: People begin arriving at 7 pm.
The meeting officially starts at 7:30 pm.

RARS Monthly Dinner

Join us on the 2nd Tuesday of each month for the RARS dinner. It's open to everyone: RARS members, non-members, friends, and family — feel free to bring your little ones!

Golden Corral @ 6129 Glenwood Avenue in Raleigh. Dinner begins at 6:30 pm.

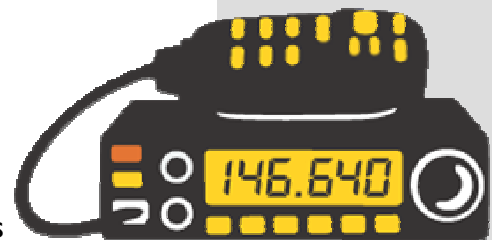
RARS Repeaters in Raleigh

145.13 (82.5 PL)

146.64

444.525 (82.5 PL)

Join us for the nightly RARS net @ 8 pm on the 146.64. All hams holding a Technician class license or higher are invited to check-in. We welcome both RARS and non-RARS members to the net.



RARS Auction



(Continued from page 1)

A quick review of auction procedure kicked off the evening. Then the first item was presented: a regulated power supply. After it was sold, the auction continued with the first big item of the evening coming up soon: a brand new pair of Heil headphones with ear muffs. As the bids climbed, they were finally sold for \$80.

Colorful commentary filled the evening, such as the response to the auctioneer's questioning whether or not a "classic" radio worked. The owner replied, "It should work. It worked 20 years ago."



There were a variety of radio and computer items. Antennas proved a popular category with a 220, dual-band, and 2-meter/440 for sale. The item that generated perhaps the most interest was a pay phone donated by the club. Bids for this item definitely came fast and furiously. After a tight back-and-forth financial repartee, Cliff finally walked away this unique piece. Another popular item was an office

phone system – also donated on behalf of RARS – which went to Greg KE4PAX for \$95.

Perhaps the most interesting bidding war took place over a surprising item: a brand new can of Coca-Cola. This classic piece of Americana, freshly taken from the refreshment table, was in mint condition. It finally went to Gary KN4AQ for a whopping \$20. Since this was a RARS item, his payment will go directly to the club.

(Continued on next page)



Late in the evening, a “Dutch” auction took place. This type of auction can be used when there are multiples of the same item for sale. The highest bidder gets to select how many of the items he/she would like – in this case, CDs of Windows 98 software. After he/she has picked, the next highest bidder picks, then the third, and so forth.



Many thanks to everyone who generously brought and/or donated items. RARS raised \$456.50 from the sale of donated items. Without your participation, we couldn't continue our fine tradition of the annual RARS auction.



What Was that Strange Sight??? (continued)

(Continued from page 1)
Listeners Group's Radio Outing on Saturday, September 30! The numbers were frequencies on



Above: Tom McKee K4ZAD quickly put up a quasi-beverage antenna in the trees.

which listeners were picking up interesting stations.

Ten radio enthusiasts brought

radios, antennas, and monitoring guides to log what could be heard on the bands – everything from beacons to international

broadcast stations. The weather was vintage fall – warm in the afternoon and a bit nippy at night. Members gathered around 3:00 PM and began setting up for an event that would run till 8:00 PM.

Tom McKee K4ZAD strung up a quasi-

Beverage antenna of 350+ feet through the trees to serve as a “community antenna” for anyone wishing to use it. Other antennas included long wires, ran-

dom wires, Radio Shack AM loop antennas, and a KIWA Electronics Pocket Loop antenna. Some listeners just used the whip antenna on their radios. The most unusual antenna of the day was a homebrew by Charles Morgan KI4PAB; he called his creation a broom antenna. Basically, it was several hundred feet of wire wrapped around a long piece of PVC pipe so that it resembled its name. Charles recommended this type of antenna for indoor use when an outdoor long wire is not possible.

Half the fun of the event was the opportunity to look at different radios and check out their features. Some of the radios included a Radio Shack DX 402, a Grundig G5, a 1984 Sharp QT70, several Sony 7600 GRs, an Eton E5, (Continued on page 6)

What Was that Strange Sight??? (continued)



Above: Serious DX'er Bob Zeher KE4JYY brought a tape recorder to record his loggings.

(Continued from page 5)
a Radio Shack DX 390, a Kenwood R5000, a Grundig Yacht-boy 400, a Drake R8, an IC R71A, a Kenwood TS450S, and a Sony ICF2010. The oldest radio there was a beautiful AM tabletop 1946 Bendix brought by Bruce Sherman KI4PAC. With some last minute repair, sounds from 850 "The Buzz" were heard!

Monitoring guides included the "must have" of all guides – *Passport to World Band Radio*, as well as *Monitoring Times*, *World Radio and TV Handbook* (WRTH), *Popular Communications*, Tom McKee's AM DX guide, Mr. Natural's Guide to SW Utility Station Listening, and listings from the Ontario DX Association website.

Several visitors dropped by. One was Frank Weiss KY4W with his dog Ginger. Frank was editor of RARS back in the mid seventies and early eighties. His visit was much enjoyed as he shared some stories from his early radio days. Frank assisted by taking the group's photo.

What were some of the best loggings of the day?

- Ed Breeden's (N4SSU) best catch was Voice of Nigeria at 2037 UTC on 15120 kHz featuring a discussion of recent national elections. His most enjoyed logging was a program about Sir Neville Marriner on Deutsche Welle, 15205 kHz, at 2048 UTC.
- One of Bob Zeher's (KE4JYY) best catches was CBC out of St. John's, Newfoundland on 6160 kHz at 2239 UTC; a comedy show was in progress.
- Charles Morgan KI4PAB pulled in the news on

Below: Charles Morgan KI4PAB experienced good success with his broom antenna.



Voice of Africa on 11615 kHz around 1900 UTC.

- Bruce Sherman KI4PAC landed Radio Cultura out of Brazil on 9615 kHz and 17815 kHz and All India Radio on 11620 kHz and 11715 kHz - the latter station at about 2130 UTC.
- Kelly Mills' (AE4FG) most interesting catch was Cuban music at 2345 UTC on 1610 (AM). Although an ID was not heard, it was thought this could possibly be a Caribbean beacon.
- Charlie Broyles thought his best logging was a very weak BBC (Singapore relay) on 6195 kHz at

Visit the RARS website for up-to-the-minute announcements, current information, and special features at www.rars.org.

**The Tarheel Scanner/Shortwave Listeners' Net
meets every Monday night at 9:00 pm
on the 146.64 repeater. Please join us!**

2334 UTC.

- Robert Pierpoint KG4BDX was pleased with hearing WPWT in Colonial Heights, Tennessee at 870 on the AM dial around 2300 UTC. The station was operating on 10,000 watts, and the programming was sports-related.
- Mike Thurman KB7NLA couldn't remember all of his catches. He was just excited to be operating his new, out-of-the-box, Kenwood transceiver.
- Tom McKee K4ZAD said his best catch was AM station KXEL on 1540 from Waterloo, IA at 20:04. Tom spent some time on long wave and picked up 16 beacons, the most he had ever picked up in NC in one day.
- Virginia Enzor NC4VA listed two interesting stations. The first was Radio Prague in the Czech Republic on 7345 kHz at 2240 UTC; programming focused on new vegetables being introduced on the market, blue potatoes and white carrots! The other station was Radio Cairo on 11950 kHz at 2300 UTC, playing Egyptian music.

Thanks go to Ed Breeden N4SSU for organizing this event and reserving Baileywick Park!

The Tarheel Scanner/Shortwave Group meets the 3rd Monday of every month. November's meeting is at Red, Hot and Blue Restaurant located at 6615 Falls of the Neuse Road in the Falls Village Shopping Center in Raleigh. The dinner begins at 6:30 PM and the meeting at 7:30 PM. Anyone is welcome to attend. December's meeting is at the Mayflower Seafood Restaurant located at 4205 Fayetteville Road (US401) in Garner.



Above: A 1946 Bendix AM tabletop radio rallied to the occasion!

Below: Former RARS editor Frank Weiss KY4W read about the upcoming event in the October Exciter and dropped by to check out the action!



Above, left to right: Charlie Broyles, Bob Zeher KE4JYV, Mike Thurman KB7NLA, Robert Pierpoint KG4BDX, Tom McKee K4ZAD, Virginia Enzor NC4VA, Ed Breeden N4SSU, Charles Morgan KI4PAB, Bruce Sherman KI4PAC, and Kelly Mills AE4FG.

JOTA Supported by RARS

Article by Rod Thomson KI4LSN

On Saturday, October 21st, members of RARS, assisted by members from the Cary Amateur Radio Club, volunteered their time to assist the 49th annual JOTA or Jamboree of the Air. JOTA is an annual international event where boy scouts learn about amateur radio and make contact with other scouts. Locally, JOTA is sponsored by the Crosswinds District of the Oconneechee Council of the Boy Scouts of America.

At the local JOTA, held at St. Andrews Catholic Church in Apex, 55 boy scouts signed up to participate in this worldwide event and to earn their Radio Merit Badge. The event was coordinated by Chris Thomson KI4MMV and captained by Dick Bitner W8HYD and Dick Orander KD4ISC.

Various HF stations were set up to work on 10 through 40 meters. Also in use were handheld radios to demonstrate UHF and VHF simplex and repeater operations. An outdoor classroom was also in operation. In the classroom, material from the merit badge book was taught by licensed radio operators. As part of the merit badge requirement, each boy was required to fill out 8 pages of questions testing their knowledge of amateur radio and to make a minimum of 5 contacts on the air.

As with Field Day, stations were set up outdoors with antennas hung in trees and generators employed for power. Log sheets were kept of all contacts. RARS members at each station assisted each of the boys in making the required contacts. In addition, the boys were able to see different kinds of radios in use and to ask members questions about equipment, antennas, radio theory, and how to get started in amateur radio.

Once again, the use of amateur radio and how it can benefit local communities in time of disaster was on display.

Our thanks to the following members of RARS and other local radio operators: Dick Bitner W8HYD (Station Captain), Dick Orander KD4ISC (Assistant Station Captain), Chris Thomson KI4MMV (Event Coordinator), Rick Crapse KB4TKG, Don Hurlburt KW4DON, Herb Lacey W3HL, Don Kalinowsk N2JE, Johnnie Mayfield WA9SZL, Mike Ramsey KD4OKR, Ashby Spratley W5PGX, Mike Thurman KB7NLA, and Rod Thomson KI4LSN.



Welcome New RARS Members!

Joe Rizza NILVN

Hamfest Calendar

November 4-5	Stone Mountain Hamfest Lawrenceville, GA
November 11	BeachFest (ARRL State Convention) Myrtle Beach, SC
November 19	JARSFEST Benson, NC
December 2	Farmers Market GAARC Swapfest Gastonia, NC

Dates courtesy of *SERA Repeater Journal*.

November Birthdays

Joe	WA4GIR	11/2
George	WA4EKJ	11/5
Carroll	KD4JH	11/7
Jeff	AC4ZO	11/8
Ashby	W5PGX	11/11
Joshua	KF4ZXK	11/15
Glenn	WA4LHE	11/16
Rolf	K8SL	11/19
Richard	KI4QML	11/21
Mark	WD4KSE	11/21
Scott	KI4OCF	11/24
Terri	N4ZUD	11/25
Ray	KC4JWK	11/26
Doug	N3LTV	11/26
John	WB8QJN	11/27
Clare	N2RJB	11/30
Ken	AB4RQ	11/30

September 2006 RARS Net Reports

RARS Two Meter Traffic/Ragchew Net

Check-ins: 490

Traffic: 36/30

Minutes: 738

Sessions: 30

Special Interest Nets

Check-ins: 70

Minutes: 395

Sessions: 9

Board Meeting - September 2006

Minutes of the RARS Board of Meeting for September 2006

The Board of Directors meeting of the Raleigh Amateur Radio Society was conducted on September 19, 2006 at the Forest Hills Baptist Church located on Dixie Trail.

Attendance: Board – Dick Bitner W8HYD, Hank Montgomery K4HM, Selene Montgomery KG4RMT, Chuck Littlewood K4HF, Mary Jo Littlewood K4MJL, Greg Seamster KE4PAX and Dick Orander KD4ISC. Others – Charlie Swindell WB4DCM and Rod Thomson KI4LSN.

President Dick Bitner W8HYD called the meeting to order at 7:38 pm.

Treasurer's report – Greg KE4PAX announced there are 208 RARS members. He reported that there has been positive feedback concerning our move to the electronic version of the Exciter. There are only 5 members without email addresses who will need hard copies of the newsletter.

Vice President's report – Selene KG4RMT advised the October meeting program will be the annual auction. The November program will be presented by W4TTX on the 2006 14'er Event. Club elections will also be held then. The December meeting will be the holiday party featuring the Encore Singers. Selene also reported the collection of donations for refreshments at the meetings have come close to covering their expense.

Education – Dick W8HYD reported there is interest in another Technician class. Planning for a possible Fall class may begin soon.

On a motion from Hank K4HM and a second from Chuck K4HF, the August Board meeting minutes were approved as corrected.

Webmaster – Dick W8HYD reported on behalf of Steve Worley KB4HDQ. There were 2900 hits to the main RARS page and 177 hits to the Exciter. The Yahoo group has added 4 new members. Club members are reminded to post important RARS information to the RARS-I email list. Information of general interest to the ham community can be posted to the Yahoo group.

Hamfest – Hank K4HM announced the first hamfest meeting will be conducted next Monday at the home of K4HM. April 1 will be our hamfest date at the fairgrounds. Our radio dealer has committed to attending RARSfest. There is still an opening for the flea market pre-registration coordinator position.

Public service – Dick KD4ISC reported that approximately 15 hams from the Raleigh area assisted the New Bern group with the MS150 Bike event. Over 1500 cyclist participated in this event. Radio operators are still needed for the October 14 Autism Ribbon Run that will be held in downtown Raleigh. There has been no news or requests for help from the Red Cross concerning coverage of the State Fair. Chuck K4HF will contact Bernard Blackmon W4BRB to see what is going on with the Red Cross and has offered to coordinate radio

volunteers if needed.

Rod KI4LSN – provided an update on the planned Jamboree On The Air (JOTA) scheduled for Saturday, October 21.

Unfinished Business

A nominating committee comprised of Chuck K4HF, Gary KN4AQ and Hank K4HM is talking with members and reviewing recommendations for November's elections. So far, the following members are being considered: Mary Holtschneider KG4OQA for Net Manager, Gary Pearce for Repeater Chair, Jeff Wittich AC4ZO for Repeater Trustee, Liz White KO4CK and Joe White WA4GIR for VE Coordinators, Steve Worley KB4HDQ for Webmaster, Rod Thomson KI4LSN as At-large Director and Charlie Swindell as At-large Director. The Public Service position is still open and recommendations for candidates are encouraged. All nominations will be announced at the October meeting.

The financial review still needs to take place when the group can find time.

New Business

Rick Kelly-Crapse KB4TKQ has made a request to use the repeater for a code practice class. The group saw no problem with the request and suggested that Rick speak with Gary KN4AQ for technical advice on using the repeater and with Mary KG4OQA to coordinate a time.

Comments

Greg KE4PAX advised he will continue to announce the availability of the electronic Exciter via an email announcement. He asked for the group's opinion on whether to provide the email alert to all RARS members with an email address or continue to provide the announcement only through the email list server. The thought of the group was to remind everyone about the RARS email list and allow those who want information to seek it that way. It was also agreed that the advertisements can be pulled from the newsletter.

Meeting adjourned at 8:53 pm.

Submitted by Dick Orander, KD4ISC, Secretary

General Meeting - October 2006

Minutes of the RARS General Meeting for October 2006

The general meeting of the Raleigh Amateur Radio Society was conducted on October 3, 2006 at the Forest Hills Baptist Church located on Dixie Trail.

President Dick Bitner, W8HYD, called the meeting to order at 7:11 pm.

The following guests were recognized and welcomed to the meeting: Joe Rizza N1LVN, Robert Minish and Bill Schmidt N0FSD.

Dick W8HYD reported that the call sign W4S has been secured for use for the upcoming Jamboree On The Air (JOTA). This event will take place on Saturday, October 21. Volunteers are needed to serve as merit badge counselors. Those interested can meet with Kevin Sloop, from the Boy Scouts of America, who is located at the front of the room.

Chuck Littlewood K4HF announced that volunteers are needed to operate the radio station for the Red Cross First Aid Center at the State Fair. There are 5 hour shifts available during the October 13 thru 22 event. A training session is required and will be conducted in Cary on Tuesday night at 7:30pm.

Chuck provided the report from the club's nominating committee. The following members are being nominated for next month's elections:

Officers (2 year term)

- Vice President - Selene Montgomery KG4RMT
- Treasurer - Greg Seamster KE4PAX

Board Members (1 year term)

- Public Information Officer – Gary Pearce KN4AQ
- RARS 2007 Hamfest Chair – Hank Montgomery K4HM
- RARS Exciter Editor – Courtney Enzor KI4HOS
- RARS Net Manager – Mary Holtschneider KG4OQA
- At-Large Director – Charlie Swindell WB4DCM
- At-Large Director – Rod Thomson KI4LSN
- FM Repeater Chair – Gary Pearce KN4AQ
- RARS Membership Chair – Mary Jo Littlewood K4MJL
- W4DW / W4RNC Trustee – Jeff Wittich AC4ZO
- ARRL Liaison – Chuck Littlewood K4HF
- Education Director – Virginia Enzor NC4VA

Committee Chairmen (1 year term)

- RARS 2007 Field Day Chair – Neal Fisher N4HAF
- RARS Volunteer Exam Coordinators – Liz White KO4CK and Joe White WA4GIR
- RARS Webmaster – Steve Worley KB4HDQ

Chuck then thanked Gary Pearce KN4AQ and Hank Montgomery K4HM for their work with the nominating committee. Members were reminded that nominations from the floor could take place prior to the elections at the November meeting.

General Meeting - October 2006

Chuck asked that anyone interested in acquiring an entry level HF radio see him for more information.

Dick W8HYD provided the Treasurer's report. There are 214 RARS members.

Virginia Enzor NC4VA announced a Skywarn refresher class will be held on the morning of November 4th followed by an advanced spotter class in the afternoon. These classes will be held at Cisco located in RTP. A tour of the NWS radar site will be conducted on November 11. Participants will meet at the Hardees on highway 70 in Clayton at 9am. Please email Virginia (nc4va@nc.rr.com) with your interest in participating in any of these events.

Dick W8HYD thanked everyone for donations made to offset the expenses of refreshments.

The following hamfest announcements were made:

- Maysville, October 8
- Myrtle Beach, November 11
- JARSfest (Benson), November 19

The November program will be presented by Robert Starkenburg W4TTX. He will talk about the Colorado 14'er Event 2006. VE testing will also take at the November meeting.

Dick Orander KD4ISC reported that about 25 hams provided communication support for the September 9 and 10 MS150 located in New Bern. About half of the hams were from the Raleigh area. He asked those present who participated to raise their hands and be recognized. Hams are still needed for the October 14 Autism Ribbon Run. The event will be held in downtown Raleigh. Those interested in participating should contact Dick after the meeting. The Inside Out Half Marathon will be conducted on October 22 in Cary. Bill Cole KG4CXY is organizing hams for that event. He can be contacted via the www.hampublicservice.org website.

Joe Squashic W4TTO announced that Dave White K4LKN had completed the NTS training program provided by RARS. A certificate recognizing the completion of this training will be sent to Dave.

The meeting was turned over the auction team for hawking the various radios, accessories, junk/junque and stuff brought to the annual auction.

Attendance - 54

Meeting adjourned at 9:20 pm.

Dick Orander, KD4ISC
RARS Secretary



The RARS Technical & Trader's net is held on Saturday evenings on the 146.64 after the 8 pm RARS net.

If you would like your net information included in the *Exciter*, please contact the Editor.

Amateur Radio Nets

Central Carolina SKYWARN

Please join us each Tuesday at 9:15 pm on the 146.88 repeater for the CCS net. On each net there are announcements, check-ins by county, and often a program or training spot.

Upcoming CCS Information nets include:

November 14 — "Winter Weather Outlook and Climatology" with NWS General Forecaster

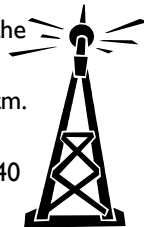
Brandon Locklear of the Raleigh NWS.

Check us out at www.ccskywarn.net.



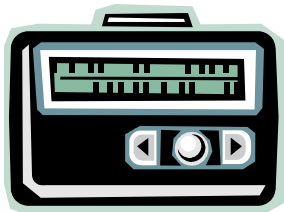
The VOIP Hurricane net is held Saturdays @ 7 pm on the 440 Carolina linking system. To view the list of linked repeaters, go to www.carolina440.net/repeaters_on_link.htm.

The NC VOIP for North Carolina net is also held on the 440 Carolina linking system on Sundays @ 7 pm.



The Wake County ARES net meets Thursdays around

2115 on the 146.88 repeater. We provide discussion and training for the implementation and provision of Emergency Communications for our served agencies, such as the American Red Cross and the local and state Emergency Operations Center. Please join us. www.wakeares.org.



Join the **Tarheel Short Wave Listening (SWL) Special Interest Group (SIG) net** on Monday evenings @ 9 pm on 146.64. We discuss *all* areas of radio monitoring and welcome your logs! We also have a SWL/SIG meeting on the third Monday of the month in addition to our regular net.

Please join us on the **Carolina 440 net** every Monday night at 7:30 pm. This ragchew net utilizes 11 linked repeaters, spanning piedmont and eastern North Carolina. The net will also be connected to the Reflector 921 Channel 1 so other IRLP links can join in on the net.

These are the present frequencies and locations that you can use to access the net:

441.725+ (tone of 100.) Raleigh "Backbone Hub" repeater	
442.075+ (tone of 88.5) Leland	443.075+ (tone of 100.) Clinton
444.150+ (tone of 100.) Clayton	444.325+ (tone of 100.) Holly Springs
444.375+ (tone of 100.) Henderson	444.550+ (tone of 100.) Coats
444.775+ (tone of 100.) Cary	444.775+ (tone of 131.8) Castle Hayne
444.875+ (tone of 100.) Wendell	444.925+ (tone of 100.) Durham



The RARS

Exciter

Raleigh Amateur Radio Society, Inc
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NONPROFIT ORGANIZATION
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PERMIT NO. 2130



Special thanks to the RARS members who helped the Red Cross during the North Carolina State Fair this year. Our volunteers aid with communications during this annual event.

Left: Lee Rogers WB4DRJ and Ashby Spratley W5PGX man the Red Cross station in the new Governor Martin Midway Support Building. Another 17 RARS members provided staffing to the station over the 9-day period. Right: An inside look at the Red Cross station.